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Dec 7, 2000

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TITLE: Intra ocular lens has body with haptic elements each with two arms with
adjusting and holding mechanism

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PATENT-ASSIGNEE:

ASSIGNEE

CODE

KRUMEICH J H

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PRIORITY-DATA: 1999DE-1025636 (June 4, 1999)

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PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<input type="checkbox"/> <u>DE 19925636 A1</u>	December 7, 2000		006	A61F002/16
<input type="checkbox"/> <u>AU 200058111 A</u>	December 28, 2000		000	A61F002/16
<input type="checkbox"/> <u>WO 200074601 A1</u>	December 14, 2000	G	000	A61F002/16

DESIGNATED-STATES: AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM
DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV
MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ
VN YU ZA ZW AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA
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APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
DE 19925636A1	June 4, 1999	1999DE-1025636	
AU 200058111A	June 5, 2000	2000AU-0058111	
AU 200058111A		WO 200074601	Based on
WO 200074601A1	June 5, 2000	2000WO-EP05119	

INT-CL (IPC): A61 F 2/16

ABSTRACTED-PUB-NO: DE 19925636A

BASIC-ABSTRACT:

7

NOVELTY - The intra-ocular lens consists of a lens body (1) positioned in the middle which has haptic elements along its periphery for fixing to the front side of the iris. The haptic elements each have two tong-shaped arms (2) extending outwards from the periphery of the lens body. The iris is clamped in side the gap (3) between the arms. The haptic elements each have an adjusting and holder mechanism compressing the arms and adjusting the pressure between the ends of the arms.

USE - Intra-ocular lens for implanting in the eye's front chamber

ADVANTAGE - The compressive force between the ends of the arms can be actively adjusted

DESCRIPTION OF DRAWING(S) - The drawing shows a top view of part of the lens body with affixed haptic element.

Lens body 1

Arms 2

Gap 3

CHOSEN-DRAWING: Dwg.1/4

TITLE-TERMS: INTRA OCULAR LENS BODY HAPTIC ELEMENT TWO ARM ADJUST HOLD MECHANISM

DERWENT-CLASS: P32

SECONDARY-ACC-NO:

Non-CPI Secondary Accession Numbers: N2001-025878